

KNOW YOUR BLOOD PRESSURE TWICE A DAY! ANYWHERE!



EASY TO USE

- INSTANT PRESSURE CHECK ANYWHERE, ANY TIME OF DAY OR NIGHT
- SAVES ON MEDICAL BILLS
- SAVES TIME, WORRY, TENSION

PROFESSIONAL BLOOD PRESSURE MACHINE PAYS FOR ITSELF MANY TIMES OVER!

Compact unit in zippered case travels where you do! No more waiting for appointments, wasted hours in doctor's office . . . No more exorbitant medical bills to keep tabs on unruly blood pressure! Now, take your own pressure night or day, at home or away, accurately, scientifically. Precision made Aneroid type sphygmomanometer with easy-ready gauge is simple to use. Just wrap Velcro no-slip sleeve around arm and squeeze bulb. Lets you check "warning sign" fluctuations on the spot. PAYS FOR ITSELF IN COST OF JUST TWO DOCTOR VISITS! Comes with compact zippered case. One-year warranty.

Blood Pressure Machine (Z373258) . . . Only \$15.95
If you don't have one, **Professional Stethoscope (Z347252)** available for **only \$4.95.**

DON'T DELAY . . . THIS MAY BE THE BEST "LIFE INSURANCE" BUY YOU'VE EVER MADE!

HANOVER HOUSE
Hanover, Penna. 17331

HANOVER HOUSE NO-LIMIT CONSUMER GUARANTEE

We take such pride in the merchandise we offer, that we're completely confident in offering this NO-LIMIT guarantee: if at any time you are not satisfied for any reason whatsoever with your order, please return for a full refund of your purchase price. A satisfied customer is our greatest reward.

MAIL HANDY COUPON

HANOVER HOUSE, Dept. Z-253
Hanover Bldg., Hanover, Penna. 17331

Kindly rush _____ Blood Pressure Machines (Z-373258) for only \$15.95 plus 85¢ to cover postage and handling on full money back guarantee if I am not completely satisfied.

Please send _____ Stethoscope(s) (Z-347252) for just \$4.95 plus 50¢ to cover p.p. & handling on same full money back guarantee.

SAVE! Order complete kit (Blood Pressure Machine and Stethoscope) for just \$19.95 plus \$1.00 p.p. & handling. You save \$1.30. Z-373357

CHARGE IT! DINERS CLUB AMERICAN EXPRESS MASTER CHARGE
 BANKAMERICARD Interbank # _____

Acct. # _____ My Card Expires _____

Enclosed is \$ _____ Penna. & Md. residents add sales tax.

NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

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Conversation Pieces

FUELING THE FUTURE

Only yesterday, space flight challenged the world of technology to new heights of achievement. Now, the twin problems of energy and environment challenge the growth, even the survival of society. But quick solutions can create more problems than they solve. That's why so many different options are being so carefully examined.

TRW, for example, has multidisciplinary teams working with government, labor, and industry on conservation studies and pollution control as well as on specific energy development projects.

We're working on advanced electric batteries for load leveling in power plants and for vehicle propulsion... designing solar energy systems for heating and cooling buildings and dehydrating fruits and vegetables...and

developing geothermal and shale oil technology as well as investigating the use of ocean thermal gradients to produce power.

Our new smokestack scrubber uses charged water droplets to remove more than 90% of the particles from flue gases. Smaller and less costly than conventional scrubbers, it has no moving parts, so it's silent and vibrationless. It's a direct offshoot from our spacecraft attitude control technology.

Another group has developed a special burner for oil or gas-fired furnaces. It reduces emissions of nitrogen oxides and costs no more than conventional burners.

Yet another team is now ready for pilot-plant tests of a simple, low-cost system for removing pyritic sulphur from coal. It is expected to make some 30% of the Appalachian reserves clean enough to meet EPA standards.

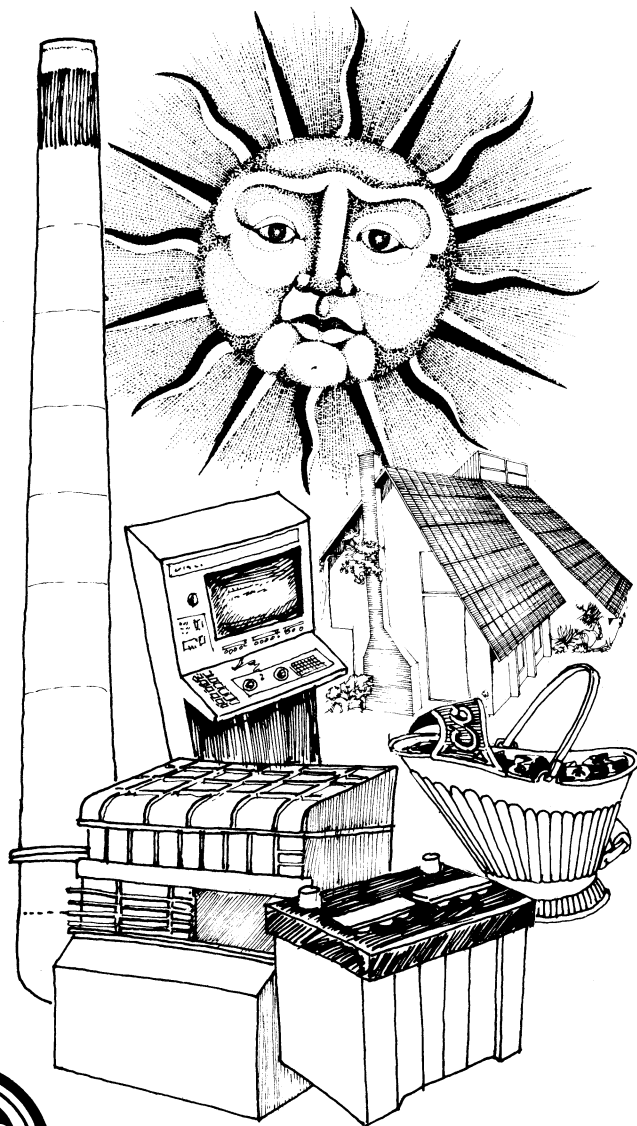
The total energy problem, however, is the most challenging of all. It requires objective trade-offs between supply, conversion, and distribution capabilities and the varying parameters of demand. Of real value here is the fact that our people are not directly involved in the production of fuels. This frees them to ask the kind of basic questions that are essential to objective analysis.

Our work in space technology, which may seem irrelevant to energy problems, also turns out to be useful. Among other things, it has given us a lot of experience in using very little energy with maximum efficiency.

Our most recent interplanetary probe, for example, has just enough power to light an ordinary desk lamp; yet it warms components in temperatures far below zero... energizes a whole complex of sensing, recording, and computing systems...and transmits streams of pictures and other data over distances as great as half a billion miles.

Admittedly, that's not the same as powering a city but it does induce a miserly attitude. That helps in a practical way: What we've learned about handling milliwatts efficiently is surprisingly useful when you're trying to get more megawatts out of increasingly precious fuel supplies.

If you are interested in using TRW's capabilities in any of these areas, we invite you to write and tell us about your specific needs.



TRW
SYSTEMS GROUP

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